

<i>hSecurin</i>	G1	S	G2/M	apoptosis	mitosis	interphase
+/+	69	17	14	2	1	97
-/-	70	16	14	1.8	0.7	97.5

FIG. 1

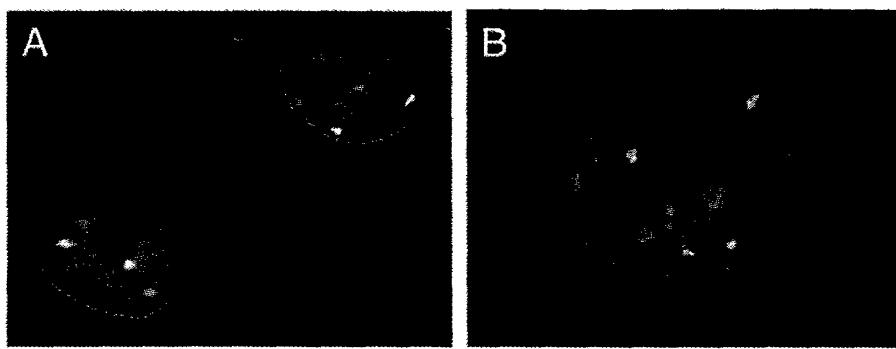
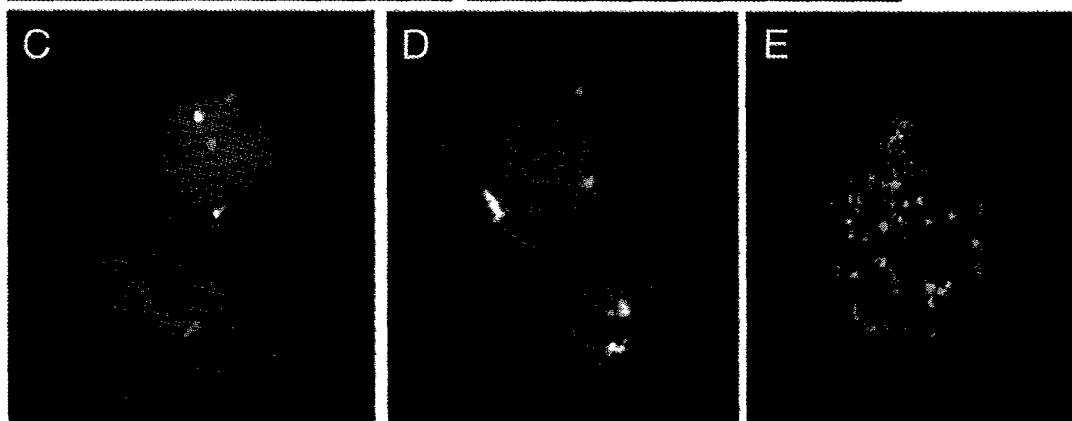
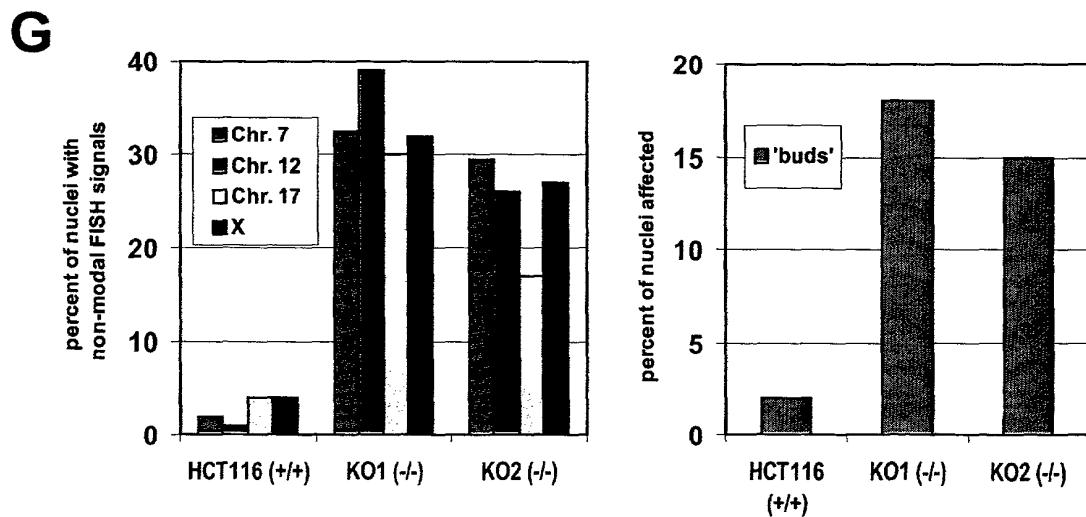
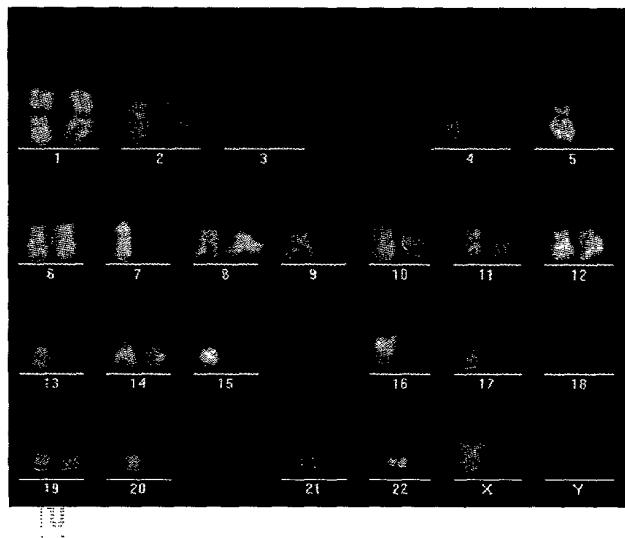


FIG. 2

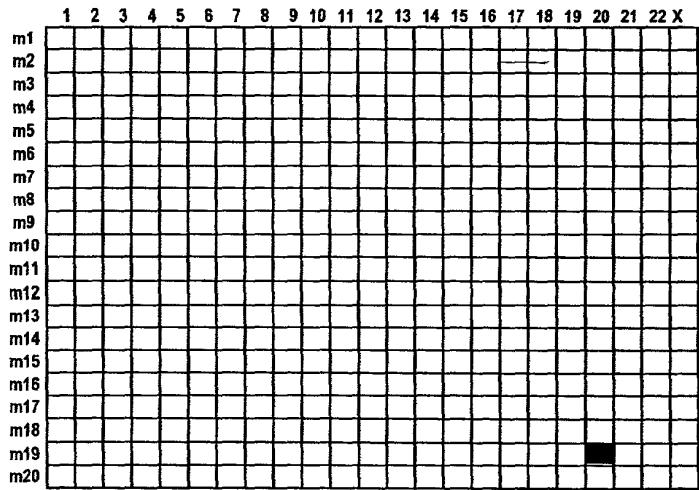


	chromosome analyzed	number of FISH signals per cell						% of cells off the mode
		0	1	2	3	4	$\geq 5$	
HCT116 (+/+)	7	0	2	98	0	0	0	2
	12	0	0	99	1	0	0	1
	17	0	2	96	2	0	0	4
	X	0	96	4	0	0	0	4
KO1 (-/-)	7	0	3	76	13	13	0	24
	12	0	-	70	1	1	2	30
	17	2	-	74	13	0	0	26
	X	1	68	15	2	1	0	32
KO2 (-/-)	7	1	5	69	13	13	2	31
	12	2	1	80	3	3	1	20
	17	2	-	83	4	3	1	17
	X	1	73	10	1	0	0	27

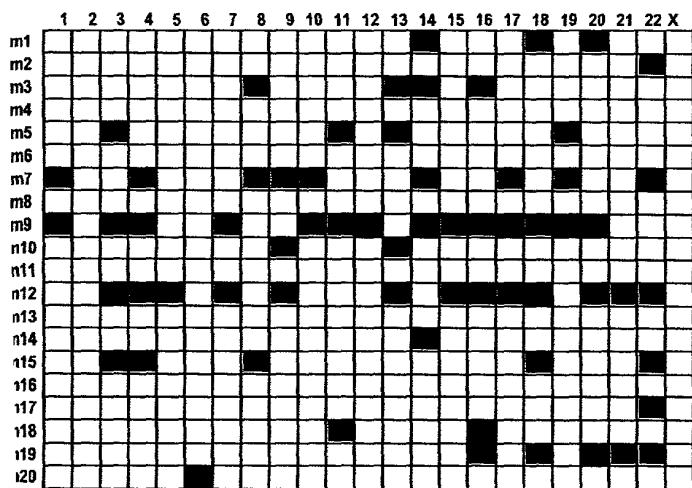


**A****B**

### *hSecurin*<sup>+/+</sup> (parental)



### *hSecurin*<sup>-/-</sup> (KO1)

**D**

### *hSecurin*<sup>-/-</sup> (KO2)

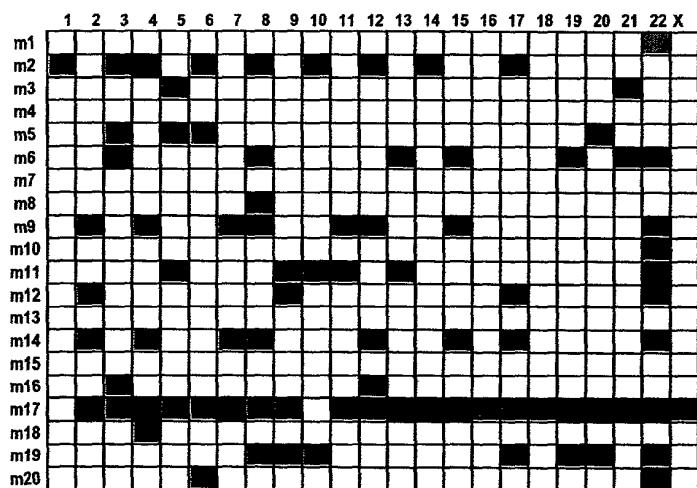
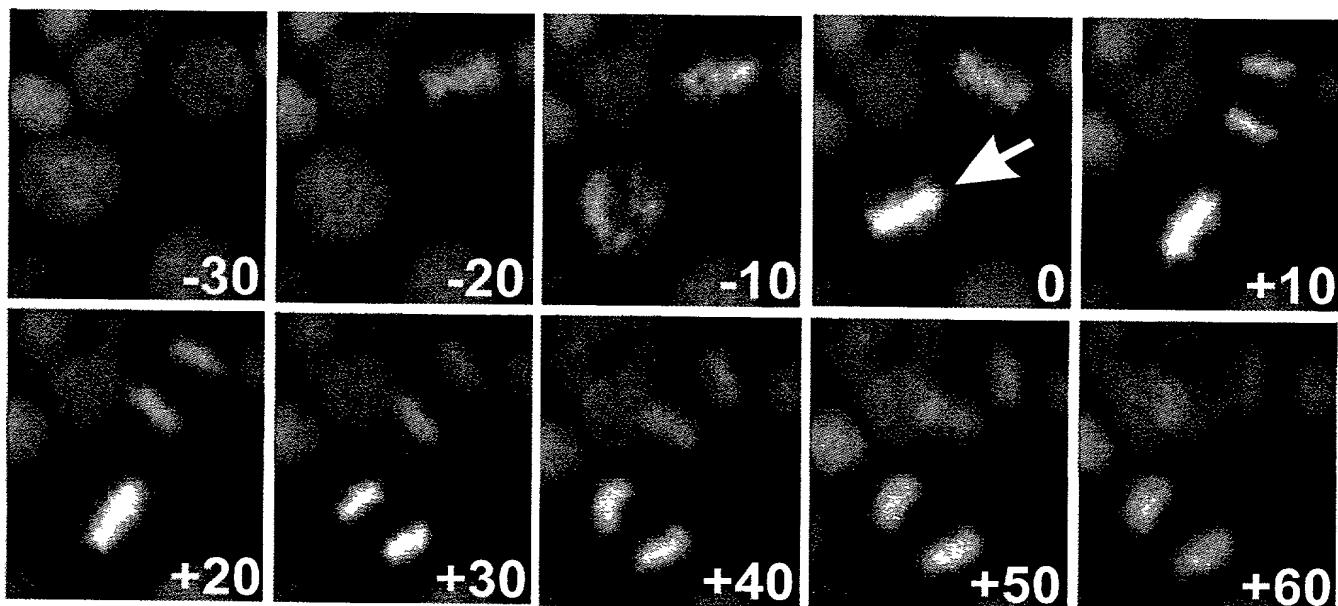
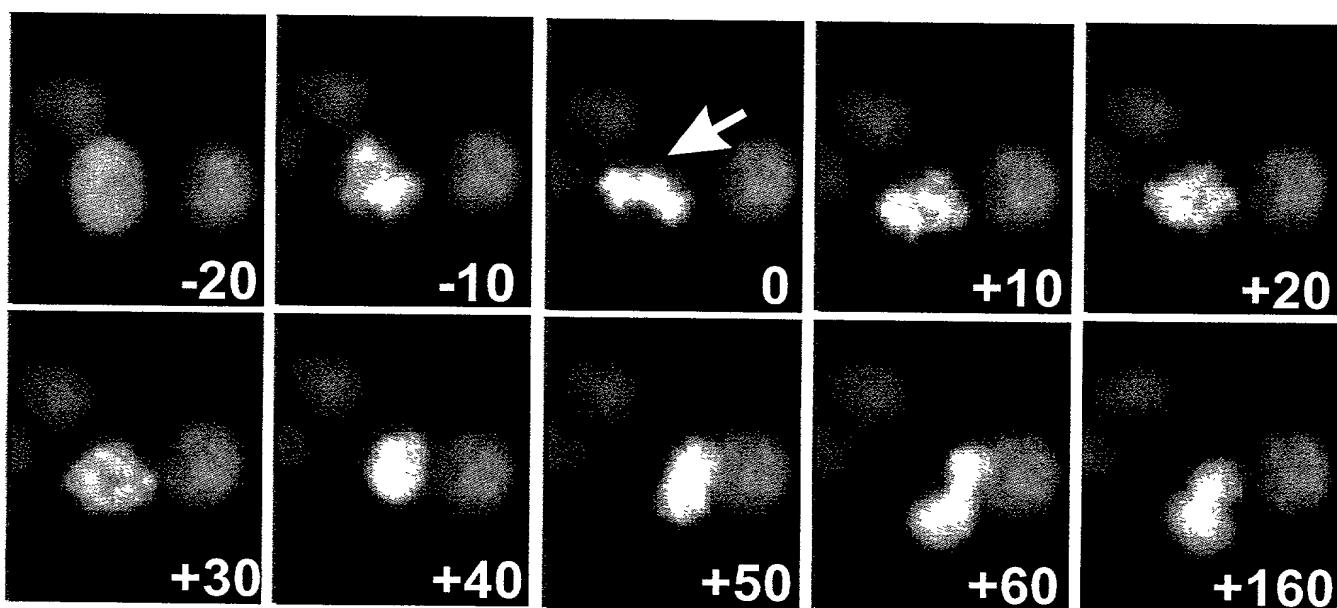


FIG. 3

**A*****hSecurin*  
+/+****B*****hSecurin*  
-/-****C**

mitotic interval (minutes)	<i>hSecurin</i>	
	+/+	-/-
prophase to metaphase	15	19
metaphase to anaphase	21	57
anaphase to telophase	17	16

FIG. 4

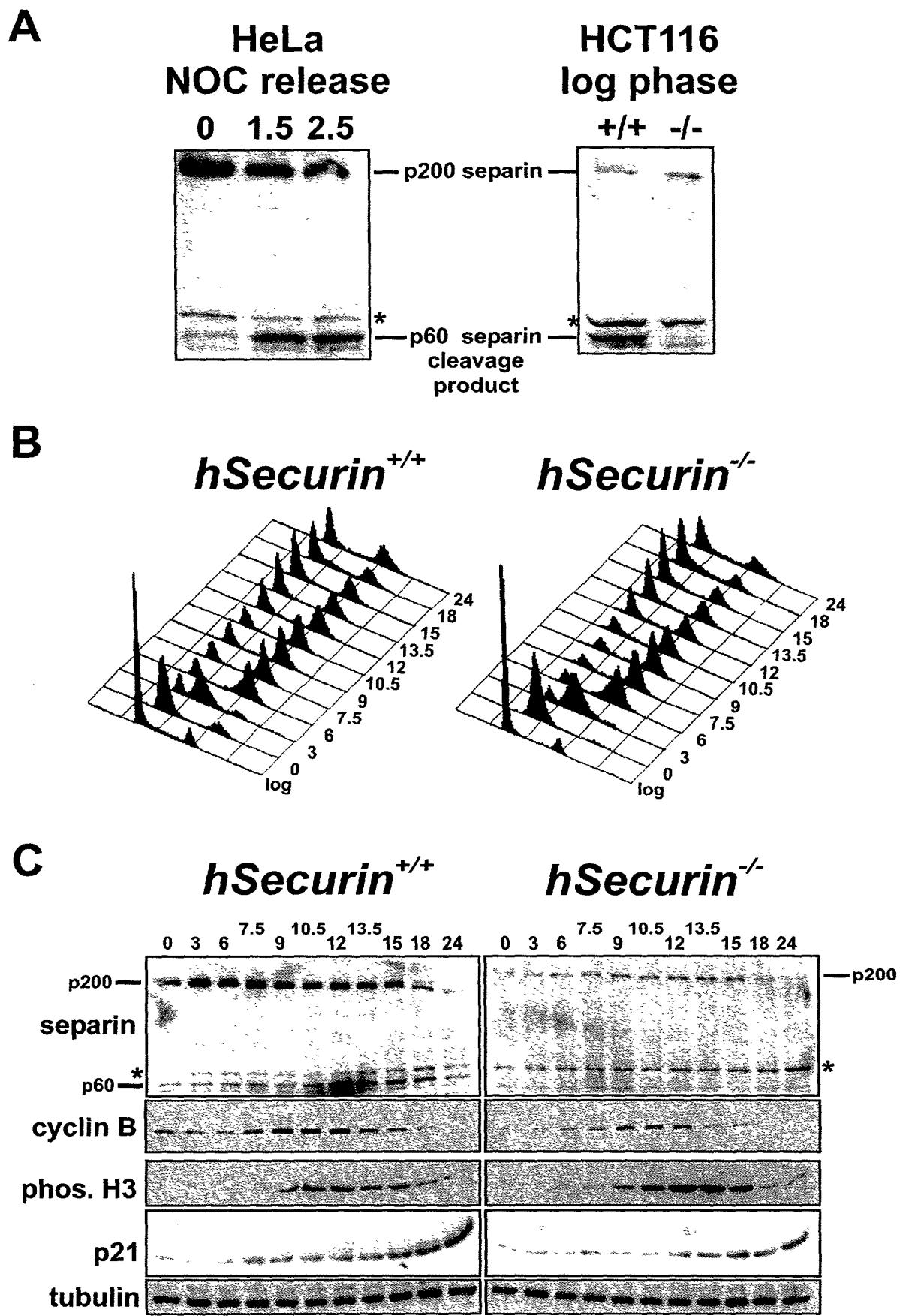


FIG. 5

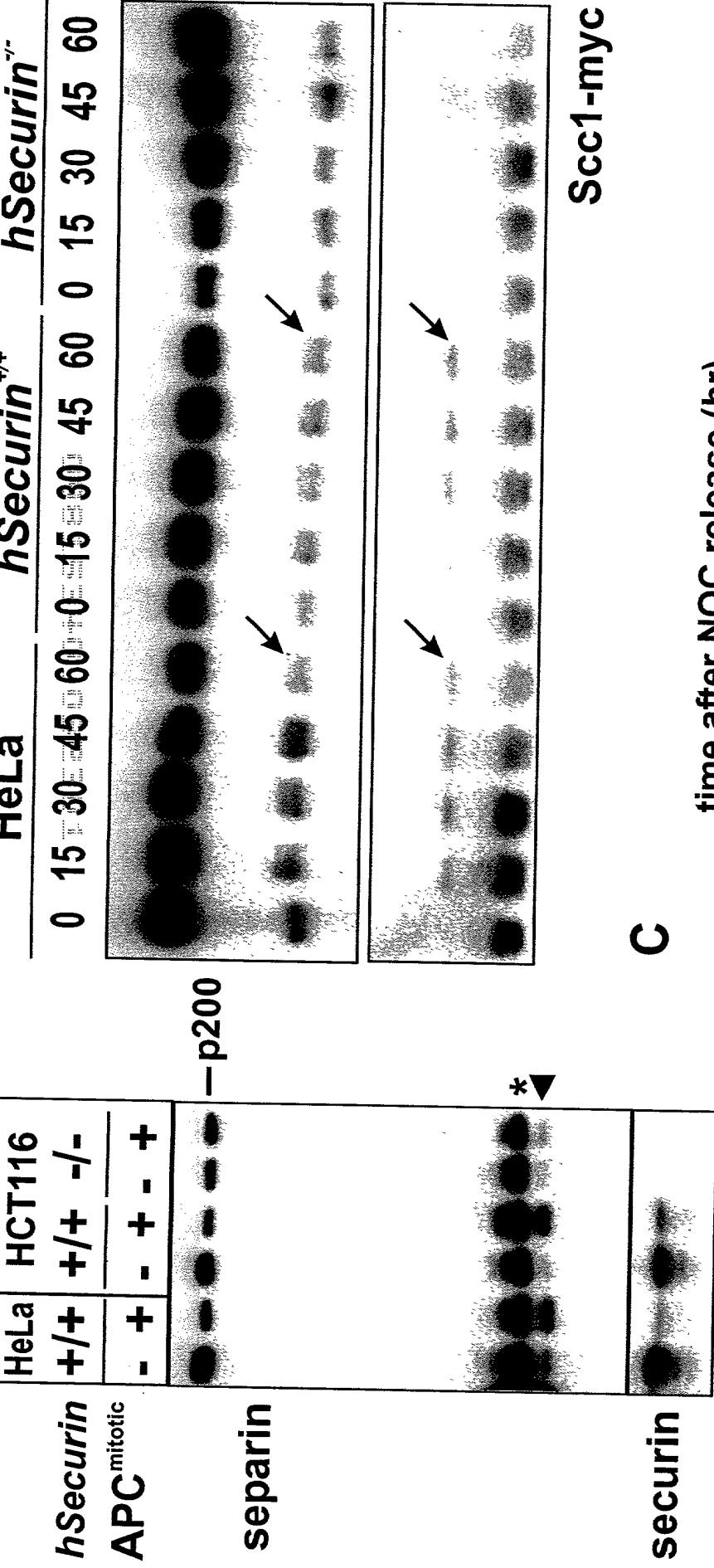


FIG. 6

FIG. 7

